

**IN THE CLAIMS:**

Set forth below in ascending order, with status identifiers, is a complete listing of all claims currently under examination. Changes to any amended claims are indicated by strikethrough and underlining. This listing also reflects any cancellation and/or addition of claims.

1. (Withdrawn) An alfalfa variety that has on average about 8% or greater faster recovery after spring green-up or after harvest compared to an adapted commercial variety grown under the same field growing conditions in North America, wherein the adapted commercial variety is selected from the group consisting of 'WinterGold', 'WL325HQ', 'WL319HQ' and 'Hybri-Force 400'.
2. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ average about 10% or greater faster recovery after spring green-up or after harvest.
3. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ average about 20% or greater faster recovery after spring green-up or after harvest.
4. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ average about 30% or greater faster recovery after spring green-up or after harvest.
5. (Withdrawn) An alfalfa variety that has on average about 15% or greater more erect stems at late bloom compared to an adapted commercial variety grown under the same field growing conditions in North America, wherein the adapted commercial variety is selected from the group consisting of 'WinterGold', 'WL325HQ', 'WL319HQ' and 'Hybri-Force 400'.
6. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ average about 20% or greater more erect stems.

7. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ ~~average~~ about 25% or greater more erect stems.
8. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ ~~average~~ about 30% or greater more erect stems.
9. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ ~~average~~ about 35% or greater more erect stems.
10. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ ~~average~~ about 40% or greater more erect stems.
11. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ ~~average~~ about 45% or greater more erect stems.
12. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ ~~average~~ about 50% or greater more erect stems.
13. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ ~~average~~ about 55% or greater more erect stems.
14. (Currently Amended) The alfalfa variety of claim 15 wherein the alfalfa variety has ~~on~~ ~~average~~ about 60% or greater more erect stems.
15. (Currently Amended) ~~An~~ A *Medicago sativa* alfalfa variety with the following characteristics:
  - (a) ~~on average about 8% or greater faster recovery after spring green-up or after harvest compared to an adapted commercial check variety grown under the same field growing conditions in North America, wherein the adapted commercial check variety is selected from the group consisting of 'Vernal', 'WinterGold', 'WL325HQ', 'WL319HQ' and 'Hybri-Force 400', wherein the percentage faster recovery is determined as follows:~~

(1) measuring one or more plant heights (the distance from the soil surface to the top of the canopy) to the nearest centimeter, 3-7 days after spring green-up or after harvest, for the alfalfa variety and for one of the adapted check varieties;

(2) converting the plant heights obtained in step (1) to growth rate (cm/day) by dividing plant height (cm) by the number of days since spring green-up or harvest;

(3) repeating steps (1 and 2) every few days from 7 to 21 days after spring green-up or harvest;

(4) calculating an average growth rate per day for the alfalfa variety and the adapted check variety by summing the growth rates per day obtained in steps (2 and 3) and dividing by the number of measurements;

(5) converting the average growth rate (cm/day) obtained in step (4) to a percentage of the check variety by dividing alfalfa variety growth rate (cm/day) by the check variety growth rate (cm/day) and then multiplying by 100; and

(6) calculating the percent faster recovery of the alfalfa variety relative to the adapted check variety by subtracting 100 from the alfalfa variety percentage of the check variety percentage obtained in step (5);

b) ~~on average about~~ 15% or greater more erect stems at late (i.e. 75%) bloom compared to an adapted ~~check commercial~~ variety grown under the same ~~environmental field growing~~ conditions ~~in North America~~, wherein the adapted ~~check commercial~~ variety is selected from the group consisting of 'WinterGold', 'WL325HQ' and 'WL319HQ' ~~and 'Hybri-Force 400'~~, wherein the percentage of erect stems is determined as follows:

(1) measuring the percentage of stems standing erect (>45° from the soil surface) ~~stem erectness~~ of the alfalfa variety and one of the adapted ~~check commercial~~ varieties 30-56 days after spring green-up or last

harvest, wherein the measurements are based on the following scale: 0 = 0 to 10% of stems are erect, 1 = 11 to 20% of stems are erect, 2 = 21 to 30% of stems are erect, 3 = 31 to 40% of stems are erect, 4 = 41 to 50% of stems are erect, 5 = 51 to 60% of stems are erect, 6 = 61 to 70% of stems are erect, 7 = 71 to 80% of stems are erect, 8 = 81 to 90% of stems are erect, and 9 = 91 to 100% of stems are erect,

(2) repeating the stem erectness measurements in step (1) every 30-56 days after each harvest thereafter through 75% bloom,

(3) calculating an average stem erectness for the alfalfa variety and the adapted check variety by summing the stem erectness scores obtained in steps (1 and 2) and dividing by the number measurements;

(4) converting the average stem erectness scores obtained in step (3) to a percentage of the adapted check variety by dividing alfalfa variety average stem erectness by the adapted check variety average stem erectness and then multiplying by 100; and

(5) calculating the percent more erect stems of the alfalfa variety relative to the adapted check variety by subtracting 100 from the alfalfa variety percentage of the adapted check variety obtained in step (4).

16. (Previously Amended) Seed of the alfalfa variety of claim 15 or regenerable parts of said seed.
17. (Previously Amended) Pollen of the alfalfa variety of claim 15.
18. (Original) Seed of an alfalfa plant pollinated by the pollen of claim 17 or regenerable parts of said seed.
19. (Original) An alfalfa plant produced by the seed of claim 16 or regenerable parts of said seed.

20. (Withdrawn) Seed of alfalfa germplasm designated 'CW 75046' and having ATCC Accession No. PTA-5346.
21. (Withdrawn) Seed of alfalfa germplasm designated 'CW 83201' and having ATCC Accession No. PTA-5347.
22. (Withdrawn) Seed of alfalfa germplasm designated 'CW 85029' and having ATCC Accession No. PTA-5348.
23. (Withdrawn) Seed of alfalfa germplasm designated 'CW 95026' and having ATCC Accession No. PTA-5349.
24. (Withdrawn) A method for producing first-generation synthetic variety alfalfa seed comprising crossing a first parent alfalfa plant with a second parent alfalfa plant and harvesting resultant first-generation (F1) hybrid alfalfa seed, wherein said first or second parent alfalfa plant is selected from the alfalfa variety of claim 1 or claim 5.
25. (Withdrawn) A tissue culture of regenerable cells, the cells comprising genetic material from an alfalfa plant of 'CW 75046', wherein the cells regenerate plants having all the morphological and physiological characteristics of a plant of 'CW 75046', the seed of which have been deposited and have ATCC Accession No. PTA-5346.
26. (Withdrawn) A tissue culture of regenerable cells, the cells comprising genetic material from an alfalfa plant of 'CW 83201', wherein the cells regenerate plants having all the morphological and physiological characteristics of a plant of 'CW 83021', the seed of which have been deposited and have ATCC Accession No. PTA-5347.
27. (Withdrawn) A tissue culture of regenerable cells, the cells comprising genetic material from an alfalfa plant of 'CW 85029', wherein the cells regenerate plants having all the morphological and physiological characteristics of a plant of 'CW 85029', the seed of which have been deposited and have ATCC Accession No. PTA-5348.

28. (Withdrawn) A tissue culture of regenerable cells, the cells comprising genetic material from an alfalfa plant of 'CW 95026', wherein the cells regenerate plants having all the morphological and physiological characteristics of a plant of 'CW 95026', the seed of which have been deposited and have ATCC Accession No. PTA-5349.

29. (Withdrawn) An alfalfa variety having high yield, persistence, multiple pest resistance, fast recovery after winter, improved standability and fast recovery after spring green-up or after harvest when compared to an appropriate check variety grown under the same field growing conditions in North America.